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MANAGON ED: : Thief, Sechelcal Analysis Staff

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- L. An extension of the basic fuel persenters does not indicate that the MA 523 fuel is significantly better them present fuels to source a flight test progress and/or a change in the operational fuel. The rough comparison between MA 521 and M-2 does yield a greater range capability of 250 mentical miles in the clean configuration and an increase of 270 miles when utilizing the slipper tanks. The above figures are for an operational mission rather than a ferry mission.
- opecific pravity of the fuel varies from 0.778 to 0.805. If some weighted average is used for comparative evaluation, the fiel 523 fuel fields a range increase of only 50 miles clean and 50 miles with allogar tanks. If the pilot hardbook fuel specific is used, those skied ranges decrease to 50 and 60 miles respectively. If the upper limit of the fuel specific is used, the fiel fuel specific is used, the fiel field specific is used, the field field and the alternate fuel (LF-1) is not measurable on the slide rule.
- the field at retain capabilities. It would require an embassive test program to determine if algorificant maintenance advantages would be realized by the more favorable liminosity mader of FeA [2]. Costs of the two fuels and magnificaturing complexity comparisons are not known. Since the environment is radically different between the U-21 and the proposed A-12, there is no requirement to use the U-21 as a "test bed"
- 4. Cased as the elect, it is recommended that no flight test pro-

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